AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Canceled)

Claim 2 (Currently amended) A method in a cellular telecommunications network of allocating network resources to perform a requested service, said method comprising the steps of:

determining by a Mobile Switching Center (MSC) each particular cell's capability to provide the requested service prior to allocating network resources in that cell; and

building by the MSC a cell list comprising only cells that can provide the requested service

wherein the cell list includes at least one of the following:

a cell list comprised only of cells in a location area (LA) that can provide the requested service

a cell list comprised only of cells in a paging area (PA) that can provide the requested service; and

a cell list comprised only of cells in a service area (SA) that can provide the requested service; and

allocating network resources only in the cells that can provide the requested service.

Claim 3 (Canceled)

Claim 4 (Currently amended) The method of allocating network resources of claim 3 2 wherein the network resources are paging resources for paging a mobile station, and the step of determining each particular cell's capability to provide the requested service

includes determining the capability of each particular cell in a location area (LA) the LA to provide the requested service.

Claim 5 (Original) The method of allocating network resources of claim 4 further comprising paging for the mobile station only in the cells of the LA that can provide the requested service.

Claim 6 (Currently amended) The method of allocating network resources of claim 5 further comprising the steps of:

determining that the mobile station did not respond to the paging in the LA;

building a cell list for a paging area (PA) comprising only cells that can provide the requested service; and

paging for the mobile station only in the cells of the PA that can provide the requested service.

Claim 7 Currently amended) The method of allocating network resources of claim 6 further comprising the steps of:

determining that the mobile station did not respond to the paging in the PA;

building a cell list for a service area (SA) comprising only cells that can provide the requested service; and

paging for the mobile station only in the cells of the SA that can provide the requested service.

Claim 8 (Canceled)

Claim 9 (Currently amended) A system Mobile Switching Center (MSC) for allocating network resources in a cellular telecommunications network to perform a requested service, said system MSC comprising:

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a capabilities database that stores information identifying each particular cell's capability to provide each of a plurality of services;

a processor that compares the requested service to the information stored in the capabilities database for each cell in order to determine each cell's capability to provide the requested service; and

a resource controller that builds a list of cells comprising at least one cell in which network resources are to be allocated to perform a requested service and allocates network resources only in the cells that can provide the requested service; and

wherein the cell list database includes at least one of the following:

a cell list comprised only of cells in a location area (LA) that can provide the requested service;

a cell list comprised only of cells in a paging area (PA) that can provide the requested service; and

a cell list comprised only of cells in a service area (SA) that can provide the requested service.

Claim 10 (Currently amended) The system MSC for allocating network resources of claim 9 wherein the network resources are paging resources for paging a mobile station, and the capabilities database stores information identifying the capability of each particular cell in a location area (LA) the LA to provide each of the plurality of services.

Claim 11 (Currently amended) The system MSC for allocating network resources of claim 10 wherein the processor compares the requested service to the information stored in the capabilities database for each cell in the LA in order to determine the capability of each cell in the LA to provide the requested service.

Claim 12 (Currently amended) The system MSC for allocating network resources of claim 11 further comprising a cell list database that stores cell lists comprised only of cells that can provide the requested service.

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Claim 13 (Canceled)

Claim 14 (Currently amended) The system for allocating network resources of claim ~~13~~ 2 further comprising a paging mechanism that retrieves the cell list for the LA from the cell list database and pages for the mobile station only in the cells of the LA that can provide the requested service.

Claim 15 (Original) The system for allocating network resources of claim 14 wherein the paging mechanism determines whether the mobile station responded to the paging in the LA, and if not, retrieves the cell list for the PA from the cell list database and pages for the mobile station only in the cells of the PA that can provide the requested service.

Claim 16 (Original) The system for allocating network resources of claim 15 wherein the paging mechanism determines whether the mobile station responded to the paging in the PA, and if not, retrieves the cell list for the SA from the cell list database and pages for the mobile station only in the cells of the SA that can provide the requested service.

Claim 17 (Original) The system for allocating network resources of claim 11 wherein the processor includes programming to compare the requested service to the information stored in the capabilities database for each cell in the network's service area in order to build a cell list for each LA in the service area, a cell list for each paging area (PA) in the service area, and a cell list for the entire service area, each of the cell lists comprising only cells that can provide the requested service.

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